

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Toshimitsu TETSUI, et al.

SERIAL NO: NEW APPLICATION

GAU:

FILED: HEREWITH

EXAMINER:

FOR: TiAl BASED ALLOY, PRODUCTION PROCESS THEREFOR, AND ROTOR BLADE USING SAME

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references were filed in U.S. Application Serial No. 09/789,540, on February 22, 2001 and September 5, 2002, and entered by the Examiner on April 24, 2002 and October 23, 2002, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

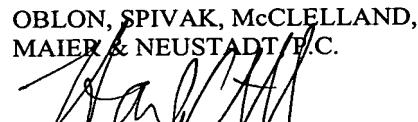
- Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 243028US0DIV		SERIAL NO. NEW APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Toshimitsu TETSUI, et al.					
		FILING DATE HEREWITH				GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,226,985	07-13-93	Y-W. KIM et al.			
	AB	5,558,729	09-24-96	Y-W. KIM, et al.			
	AC	5,442,847	08-22-95	S.L. SEMIATIN, et al.			
	AD	5,846,351	12-08-98	N. MASAHASHI, et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	64-042539	02-14-89	JAPAN			X
	AP	1-298127	12-01-89	JAPAN			X
	AQ	6-049565	02-22-94	JAPAN			X
	AR	6-041661	02-15-94	JAPAN			X
	AS	62-000215	01-06-87	JAPAN			X
	AT	4-066630	03-03-92	JAPAN			X
	AU	4-124236	04-24-92	JAPAN			X
	AV	6-49624	02-22-94	JAPAN			X
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	D. ZHANG et al., <i>Intermetallics</i> , Vol. 7, No. 10, XP-004177382, pps. 1081-1087, "Characterization of Controlled Microstructures in A TiAl (Cr, Mo, Si, B) ALLOY," October 1999.					
	AX	"ASM Handbook: Vol. 3 Alloy Phase Diagrams," ASM International, 1992, p. 254.					
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	WO 96/30551	10-03-96	WIPO			
	AP	1-259139	10-16-89	JAPAN			X
	AQ	43 18 424	12-08-94	GERMANY			X
	AR	6-340955	12-13-94	JAPAN			X
	AS						
	AT						
	AU						
	AV						
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